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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/832,488   | 04/11/2001  | Akifumi Nakada       | 954-007861-US (D01) | 1276             |
| 2512   | 7590        | 11/03/2010           |                     |                  |
| Perman & Green, LLP<br>99 Hawley Lane<br>Stratford, CT 06614 |             |                      |                     |                  |
| EXAMINER   |             |                      |                     |                  |
| BHATIA, AJAY M   |             |                      |                     |                  |
| ART UNIT   |             | PAPER NUMBER         |                     |                  |
| 2445   |             |                      |                     |                  |
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

09/832,488

**Applicant(s)**

NAKADA ET AL.

**Examiner**

AJAY BHATIA

**Art Unit**

2445

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 08 October 2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 7, 18 and 22-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 7, 18, 22-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Statement(s) (PTO/SF/42)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_
- Paper No(s)/Mail Date \_\_\_\_\_

***Response to Arguments***

Applicant's amendments to the claims overcome the prior 101 and 112 rejections in the previous office action.

Applicant's arguments filed 10/8/2010 have been fully considered but they are not persuasive. Applicant argues *In re Carter*, examiner has looked up the citation and uncertain of its relevance to the current situation, examiners request clarification. Applicant is also directed to the citation provided below which shows that the present applied prior art *Venners* anticipates the presently claimed invention. Therefore the rejection is maintained.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 7, 18, 22-34 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by VENNERS, BILL, "The architecture of aglets." *JavaWorld* [online], April 1, 1997 IDG Company. <http://www.javaworld.com/javaworld/jw-O4-19971jw-O4-hood-p2.html>. Note the filing date in the United States is June 4 1998 and the date of the document is April 1, 1997 more than 1 year prior to the filing date in the United States.

For claim 7, VENNERS teaches, a message processing method comprising:

providing, in a message processor of a mobile agent, a plurality of conversation threads and a conversation part object including a conversation thread control part controlling the plurality of conversation threads; (VENNERS, page 1, lines 65-84, computer, agents, page 2, lines 5-15, mobile code, aglet migrates)

and executing said method on a computer by:

halting the plurality of conversation threads; (VENNERS, page 1, lines 65-67, halt)

sending the conversation part object through a network from the message processor to another place in another message processor; (VENNERS, page 1, lines 67-74, ships itself to another computer, page 2, lines 5-15, Java aglet, migrate across a network)

and resuming the same plurality of conversation threads at the another message processor. (VENNERS, page 1, 67-74, continue counting)

For claim 18, VENNERS teaches, a computer program product comprising a computer usable non- transitory medium having computer usable program code, said computer program product comprising:

a computer readable program code which instructs a message processor of a mobile agent to execute said program code by:

a computer usable program code which instructs said message processor to halt a plurality of conversation threads; (VENNERS, page 1, lines 65-67, halt)

a computer usable program code which instructs said message processor to send a conversation part object which includes said plurality of conversation threads to another place in another message processor through said network, said plurality of conversation threads including a conversation thread control part controlling the plurality of conversation threads; (VENNERS, page 1, lines 67-84, ships itself to another computer, computer agents, page 2, lines 5-15, Java aglet, migrate across a network, mobile code)

and a computer usable program code which instructs said other message processor to resume said same plurality of conversation threads. (VENNERS, page 1, 67-74, continue counting)

For claim 22, VENNERS teaches, the method of claim 7, wherein said halting comprises halting said plurality of conversation threads in an agent manager. (VENNERS, page 1, lines 65-74, halt, page 2, lines 6-15, Java)

For claim 23, VENNERS teaches, the method of claim 7, wherein said resuming comprises resuming said plurality of conversation threads in an agent manager. (VENNERS, page 1, lines 65-74, continue, agents)

For claim 24, VENNERS teaches, the method of claim 7, further comprising serialization of said plurality of conversation threads. (VENNERS, page 2, lines 63-73, serialization, reverse process)

For claim 25, VENNERS teaches, the method of claim 24, wherein said serialization is by a mobile agent framework. (VENNERS, page 2, lines 63-73, serialization, reverse process)

For claim 26, VENNERS teaches, the method of claim 7, further comprising deserialization of said plurality of conversation threads. (VENNERS, page 2, lines 63-73, serialization, reverse process)

For claim 27, VENNERS teaches, the method of claim 26, wherein said deserialization is by a mobile agent framework. (VENNERS, page 2, lines 63-73, serialization, reverse process)

For claim 28, VENNERS teaches, the computer program product of claim 18, wherein said halting comprises a computer useable program code for halting said plurality of conversation threads in an agent manager. (VENNERS, page 1, lines 65-74, halt, page 2, lines 6-15, Java)

For claim 29, VENNERS teaches, the computer program product of claim 18, wherein said resuming comprises a computer useable program code for resuming said plurality of conversation threads in an agent manager. (VENNERS, page 1, lines 65-74, continue, agents)

For claim 30, VENNERS teaches, the method of claim 18, further comprising a computer useable program code for serializing said plurality of conversation threads. (VENNERS, page 2, lines 63-73, serialization, reverse process)

For claim 31, VENNERS teaches, the computer program product of claim 30, wherein said serialization is by a mobile agent framework. (VENNERS, page 2, lines 63-73, serialization, reverse process)

For claim 32, VENNERS teaches, the computer program product of claim 18, further comprising a computer useable program code for deserializing said plurality of conversation threads. (VENNERS, page 2, lines 63-73, serialization, reverse process)

For claim 33, VENNERS teaches, the computer program product of claim 32, wherein said deserialization is by a mobile agent framework. (VENNERS, page 2, lines 63-73, serialization, reverse process)

For claim 34, VENNERS teaches, a message processing method comprising:  
providing, in a message processor of a mobile agent, a plurality of conversation threads and a conversation part object including a conversation thread control part controlling the plurality of conversation threads; (VENNERS, page 1, lines 65-84, computer, agents, page 2, lines 5-15, mobile code, aglet migrates)

and executing said method on a computer by:

halting the plurality of conversation threads in an agent manager; (VENNERS, page 1, lines 65-67, halt)

serialization of said plurality of conversation threads; (VENNERS, page 2, lines 63-73, serialization, reverse process)

sending the conversation part object through a network from the message processor to another place in another message processor; (VENNERS, page 1, lines 67-74, ships itself to another computer, page 2, lines 5-15, Java aglet, migrate across a network)

deserialization of aid plurality of conversation threads by a mobile agent framework; (VENNERS, page 2, lines 63-73, serialization, reverse process)

and resuming the same plurality of conversation threads at the another message processor including an agent manager. (VENNERS, page 1, 67-74, continue counting)

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See attached Notice of references cited (if appropriate).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AJAY BHATIA whose telephone number is (571)272-3906. Also any interview requests should be faxed directly to the examiner at (571)-273-3906. The examiner can normally be reached on M, T, H, F 9:00-3:30, Also please fax interview requests to 571-273-3906.



If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on (571)272-3868. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Ajay Bhatia/

Primary Examiner, Art Unit 2445